

## 洗涤液包装袋

本实用新型涉及一种包装袋，具体地说是一种洗涤液包装袋。

现有的洗涤液有用瓶装的，瓶装的洗涤液不方便携带，也有用包装袋的，其包装袋均为密封状，使用时将袋子剪开或撕开，且需把该撕开的一袋洗涤液一次用完，否则不好保管。

本实用新型的目的是提供一种方便携带、方便使用的洗涤液包装袋。

本实用新型的目的可通过如下方案来实现，它包括袋体和袋口，所述袋口与袋体连接的一端为喇叭口，另一端为一圆孔，圆孔内置一空心圆柱，该空心圆柱伸入喇叭口的一端口为密封，并在距离该端口的附近划一小刀缝，另一端口开口并伸出袋体外，作为洗涤液的出口，并在其边缘延设一塞子，整个袋口一体成形。

本实用新型对比现有技术的优点是：因为包装袋是软包装，袋口除一端用塞子密封外，另一端口只有一小刀缝，当袋体内有洗涤液时，在袋内的液压作用下，使所述小刀缝关闭，即使因不小心将塞子弄开，袋内的洗涤液也不会流出袋外，所以使用方便，安全。

图 1 是本实用新型的结构示意图；

图 2 是本实用新型袋口的结构示意图剖视图；

图 3 是图 2 的 A-A 剖视图。

下面将结合附图和实施例对本实用新型作如下详述：

参见附图，它包括袋体 1 和袋口 2，所述袋口 2 与袋体 1 连接的一端为喇叭口 3，另一端为一圆孔，圆孔内置一空心圆柱 4，该空心圆柱 4 伸入喇叭口 3 的一端口为密封，并在距离该端口的附近划一小刀缝 5，另一端口开口并伸出袋体外，作为洗涤液的出口，并在该端口的边缘延设一塞子 6，整个袋口一体成形。灌装洗涤液时，将塞子 6 取出，通过专用设备把洗涤液灌入袋体 1 内，在外压的作用下袋口内的小刀缝 5 张开，可以将洗涤液灌进去，灌满洗涤液后，外压去掉，在袋体内洗涤液压的作用下，小刀缝关闭，再将塞子塞上即可。使用时，取出塞子，手拿袋体，并用手指轻轻地捏一下袋口的喇叭口处，袋口内的小刀缝变形张开，洗涤液可从袋内流出，用完后去掉外力，小刀缝 5 在袋体内液压的作用下关闭，并将塞子塞上即可。重复上述动作，就可实现重复使用。

## 权 利 要 求 书

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1、一种洗涤液包装袋，包括袋体（1）和袋口（2），所述袋口（2）与袋体（1）连接的一端为喇叭口（3），另一端为一圆孔，圆孔内置一空心圆柱（4），该空心圆柱（4）伸入喇叭口（3）的一端口为密封，并在距离该端口的附近划一刀口缝（5），另一端口伸出袋体外，作为洗涤液的出口，并在该端口的边缘延设一塞子（6），整个袋口一体成形。

## 说 明 书 摘 要

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本实用新型是一种包装袋，它包括袋体 1 和袋口 2，所述袋口 2 与袋体 1 连接的一端为喇叭口 3，另一端为一圆孔，圆孔内置一空心圆柱 4，该空心圆柱 4 伸入喇叭口 3 的一端口为密封，并在距离该端口的附近划一刀口缝 5，另一端口伸出袋体外，作为洗涤液的出口，并在该端口的边缘延设一塞子 6，整个袋口一体成形。本实用新型使用方便、安全，适用于包装洗涤液。



## TRANSLATION

### Specification

#### Detergent Packing Bag

This utility model is related to a packing bag, in particular, a packing bag for detergent.

Detergent is usually stored in a bottle which is inconvenient for carriage. Certain detergents are stored in a packing bag which is completely sealed. To use the detergent, one has to cut or torn open the packing bag, and the detergent in such bag must be used at a time because the unsealed bag cannot be stored conveniently.

The objective of this utility model is to provide a packing bag for detergent that can be carried and used conveniently.

The objective of this utility model can be achieved by the invention's bag. It comprises a bag body and a bag opening, the bag opening is a flared portion at the end in connection with the bag body, the other end of the bag opening is a circular hole with a cylindrical hollow space therein. The cylindrical hollow space has a sealed end extending into the flared portion and a slim slit adjacent to the sealed end; the other end of the cylindrical hollow space is opened and extended out of the bag body as an outlet for the detergent. A plug is provided at the edge of the outlet. The whole bag opening is integrally formed.

The advantage of this utility model resides in that the packing bag is soft, the bag opening is closed by a plug at one end, and only a slim slit exists at the other end of the bag opening. Thus, under the liquid pressure from the detergent within the packing bag, the slim slit will remain closed even if the plug is opened by accident and the detergent in the bag will not be splash. Therefore, the packing bag of this utility model is very convenient and safe for use.

Fig. 1 is a schematic illustration of the construction according to this utility model;

Fig. 2 is a schematic cross-sectional view showing the structure of the bag opening according to this utility model; and

Fig. 3 is a cross-sectional view taken along line A – A of Fig. 2.

A detailed description regarding the preferred embodiment of this utility model is provided below along with the attached drawings.

Referring to attached drawings, this utility model comprises a bag body 1 and a bag opening 2, wherein the bag opening 2 is a flared portion 3 at the end in connection with the bag body 1, the other end of the bag opening 2 is a circular hole with a cylindrical hollow space 4 therein. The cylindrical hollow space 4 has a sealed end extending into the flared portion 3 and a slim slit 5 adjacent to the sealed end; the other end of the cylindrical hollow space 4 is opened and extended out of the bag body 1 as an outlet for the detergent. A plug 6 is provided at the edge of the outlet. The whole bag opening is integrally formed. When filling the bag with detergent, the plug 6 is removed and the detergent is filled into the bag body 1 by a special device. Under the action of exterior pressure, the slim slit 5 at the opening is opened such that the detergent can be filled into the bag body 1. After the detergent is full, the exterior pressure is removed and thus, the slim slit will become closed under the liquid pressure from the detergent in the bag, and the bag is further closed by the plug 6. During application, the plug 6 is removed, and the user squeezes the flared portion 3 of the bag opening 2 such that the slim slit 5 is transfigured and opened and thus, the detergent flows out of the bag. After using, the force from the user is removed, the slim slit 5 is closed again by the liquid pressure of the detergent in the bag. The bag is further closed by the plug. The above action may be repeated for repeated application of the bag.

### Claim

1. A detergent packing bag, comprising a bag body (1) and a bag opening (2), wherein the bag opening (2) is a flared portion (3) at the end in connection with the bag body (1), the other end of the bag opening (2) is a circular hole with a cylindrical hollow space (4) therein; the cylindrical hollow space (4) has a sealed end extending into the flared portion (3) and a slim slit (5) adjacent to the sealed end; the other end of the cylindrical hollow space (4) is opened and extended out of the bag body (1) as an outlet of detergent; a plug (6) is provided at the edge of the outlet, and the whole bag opening is integrally formed.

### Abstract

This utility model is related to a packing bag, comprising a bag body (1) and a bag opening (2), wherein the bag opening (2) is a flared portion (3) at the end in connection with the bag body (1), the other end of the bag opening (2) is a circular hole with a cylindrical hollow space (4) therein; the cylindrical hollow space (4) has a sealed end extending into the flared portion (3) and a slim slit (5) adjacent to the sealed

end; the other end of the cylindrical hollow space (4) is opened and extended out of the bag body (1) as an outlet of detergent; a plug (6) is provided at the edge of the outlet, and the whole bag opening is integrally formed. The present utility model is convenient and safe for utilization and is particularly suitable for the packaging of detergent.

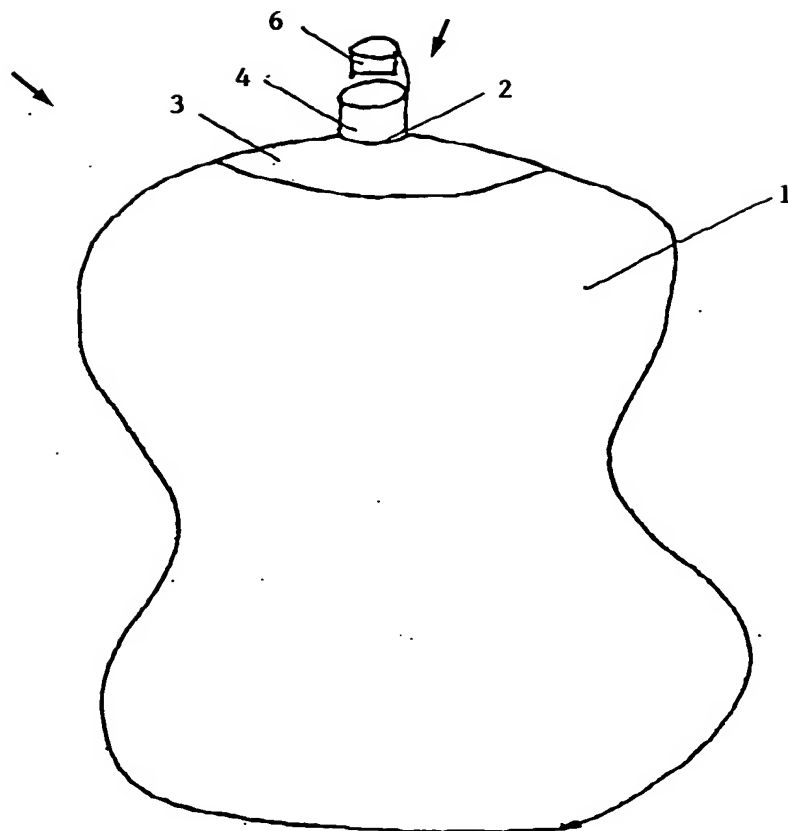


FIGURE 1

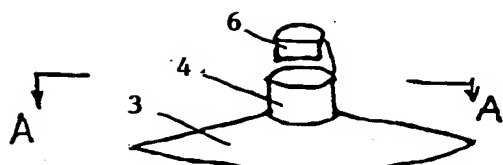


FIGURE 2

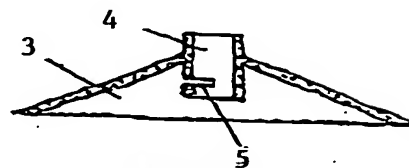


FIGURE 3